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ENGINEERING BULLETIN

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

SUBJECT: Materials Method 6.2

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Harry H. McLean, Director, Materials Bureau

Supersedes: MM 6.2 dated 1/68

This Engineering Bulletin Expires upon receipt

Attached is revised Materials Method 6.2 titled SAMPLING AND CONTROL OF TRAFFIC ZONE PAINT. It supersedes MM 6.2 dated 1/68. Discard your 1/68 text and replace it with the attached.

Materials Method No. 6.2 (MAP Code 7.42-1-6.2)

Issue Date 10/31/73 Supersedes MM 6.2 dated 1/68

TITLED - SAMPLING AND CONTROL OF TRAFFIC ZONE PAINT

ISSUED BY - Harry H. McLean

Harry H. McLean, Director, Materials Bureau

I. INTRODUCTION

This Method describes specific procedures for the SAMPLING AND CONTROL OF WHITE AND YELLOW TRAFFIC ZONE PAINTS manufactured for use by the Department's Highway Maintenance Subdivision. It encompasses an inventory control system whereby material is accepted in stock lots for eventual shipment to Maintenance Residencies. The system is implemented by sampling and testing material in stock lots as it is formulated and canned. After sampling and proper identification, through the use of Department seals, the material is tested by the Department. If found acceptable, it is identified as such, again through the use of Department seals, to the Department's Maintenance Residencies as required. Intact seals and proper labeling on each container constitutes evidence of acceptability of the paint at the residencies.

II. DEFINITION OF A LOT

A lot shall consist of a manufacturer's single batch of a specific color traffic zone paint, produced at one operation. A number of small mill grinds may be reduced together in a large mixer. This reduced material will be considered as one lot and shall be labeled and identified as such.

Consecutive lot numbers shall be assigned, regardless of color, to each lot by the Inspector in the manner directed by the Materials Bureau. Each lot shall be identified from the time of sampling to the time of application by both this lot number and the manufacturer's batch number.

III. SAMPLING AND ACCEPTANCE

Refer to the following procedure:

Materials Method N.Y. 6 - "Sampling and Stock Lot Control of Field Coat Paint", dated February 1970; Part A - Sampling Paint at the Manufacturing Plant; Page 6, Steps 1 thru 26. This is to be followed except as modified below:

(a) Step 11 - Six one-pint samples of the paint should be taken rather than two one-quart samples. Two samples should be taken from the approximate mid-point of each third of the pour.

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If a sampling device is available and it is physically possible, the device may be used to sample the paint in the mixing tank, otherwise the samples should be taken directly from the pouring spout.

(b) Step 13 - The inspector should apply Department security seals as described below:

Containers	Sealing Devices	Manner of Sealing
1 Gal. Cans	Red Tamper Proof tape seals supplied by the Department and imprinted"NYS SAMPLED"	Three(3) red tape seal at approximately 120° intervals and parallel to the long axis of the container, equally divided between the cover and the container side.
5 Gal. Pails with lug type covers.	Same as above	Same as above-The cover lugs shall be considered as a portion of the cover and one end of each seal shall be placed in contact with a lug.
30 or 55 Gal. drums equipped with either nut and bolt type ring seal or a lever type ring seal.	Wire and Department's red metal Tamper Proof seal labeled "NYS SAMPLED"	The wire should be drawn securely and tightly around the nut and bolt connection and the red metal seal affixed in such a manner that the connection could not be loosened without destroying the seal. In the case of a lever type ring seal closure, the wire shall be drawn securely and tightly through the lever and the body of the ring with the red metal seal affixed in such a manner that the lever could not be released without destroying the seal.

NOTE: Lever lock ring sealers are <u>not</u> required on 5 gallon cans. Bolt Closures on drums do not require matching holes for application of sealing wire.

(c) Step 15 - In addition to the information specified in this step, the BR-240 should include the following:

(1) N.Y.S. Purchase Contract Number
(2) Specification No.
(3) Item Number for the paint.

(d) Steps 20, 21, 22 - Only the green copy of the BR-240 will be issued to the Inspection Authority rather than the green and Yellow copies as stated in these steps.

(e) Step 25 - The following minimum information sould be indelibly labeled on each container:

1. Name and Address of the Manufacturer.
2. Manufacturer's Product Name and identifying number.
3. Kind of paint, color name, and identifying number.
4. Net Volume of Paint in container.
5. N.Y.S. Purchase Contract number.
6. N.Y.S. Specification number.
7. N.Y.S. Item number and Name
8. Production Batch number.
9. Date of Manufacturer.
10. Test number and Date of Acceptance.
11. Lot number
12. Shipping Point
13. Precautionary instructions in regard to hazardous properties such as lead content, toxicity, fumes, storage temperature, minimum temperature for application, etc.

(f) Step 26 - The following should be added to Step 26: Green Tamper Proof tape seals imprinted "NYS Accepted" should be affixed to one or five gallon cans interspersed between the red tape seal previously applied.

NOTE: The tamper proof tape seals and the tamper proof metal seals constitute an integral part of the acceptance documentation of the paint through to the site of the work. These seals are the exclusive property of the Department and its officially designated representatives. The Inspector shall be responsible for the seals supplied to him and shall not permit their possession by anyone other than himself.

IV. SHIPMENT PROCEDURE

Shipments to Department destinations shall be made only after acceptance of the paint and upon completion of the procedures outlined above. Shipments shall be made without benefit of supervision by the Inspector.

Within ten days after the last business day of each month, the manufacturer shall supply the Materials Bureau with a letter which describes the shipment details of all Department accepted lots shipped during that month. This letter shall contain the lot number, test number, color, quantities and destination. The original of the letter shall go to the Materials Bureau and a copy to the Inspector. The Inspector shall use this letter in subsequent trips to the manufacturing site to provide random checks on the remaining inventory. No action will be required on these random checks unless disagreement is found between the stock and the records.

No shipment from Department inspected lots may be made to sites other than department projects without the specific written permission of the Materials Bureau.

V. EVIDENCE OF ACCEPTABILITY AT THE PROJECT

The evidence of acceptability of a shipment of traffic zone paint at the point of destination shall consist of containers properly labeled and sealed in accordance with these instructions.

A summary of the Department seals which must be present on delivery is as follows:

(a) Cans, 1 gallon and 5 gallon -

Red tape seals imprinted"NYS SAMPLED"
Green tape seals imprinted "NYS ACCEPTED"

For these containers, the presence of at least three intact tapes, one of which must be green, is sufficient evidence of acceptability.

(b) Drums, 30 gallon and 55 gallon -

One red metal seal imprinted "NYS SAMPLED" and
One green metal seal imprinted "NYS ACCEPTED"

Unauthorized tampering with or breaking of the seals between the time that they are affixed and the time that the paint is to be applied is cause for rejection of the paint.

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